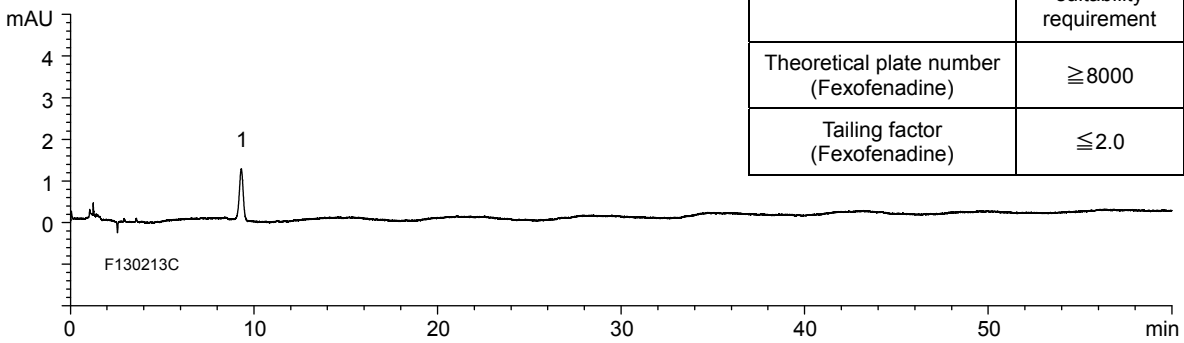
HPLC DATA SHEET

フェキソフェナジン塩酸塩（日本薬局方記載条件）
Fexofenadine Hydrochloride　(The Japanese Pharmacopoeia)

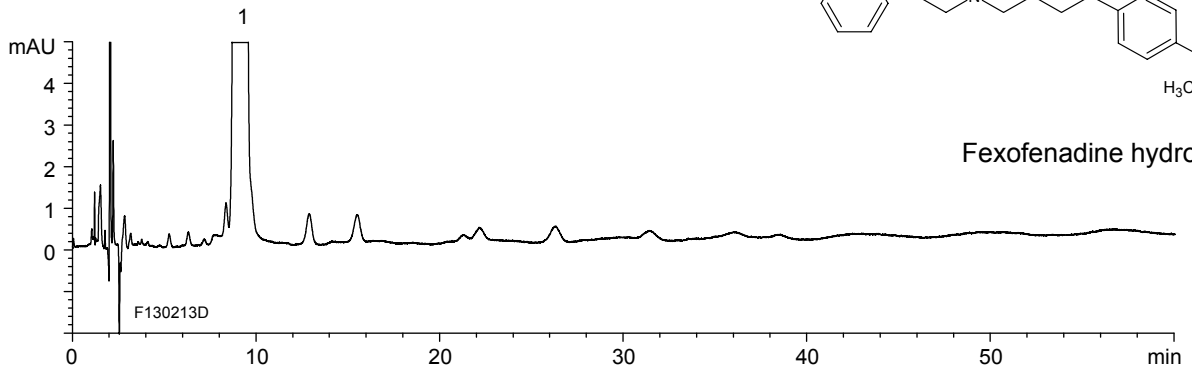
F130218A

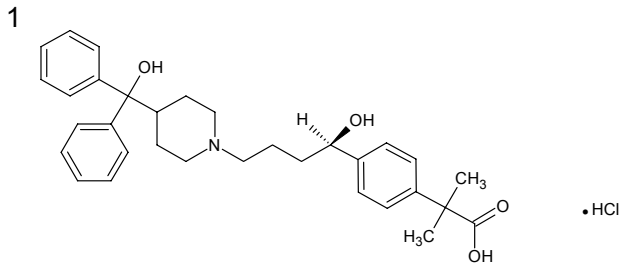
A) Standard solution*1
(0.001 mg/mL Fexofenadine hydrochloride)

	System suitability requirement	result
Theoretical plate number (Fexofenadine)	≧8000	10100
Tailing factor (Fexofenadine)	≦2.0	1.00



B) Sample solution*1
(1 mg/mL Fexofenadine hydrochloride)





Fexofenadine hydrochloride

Column	: YMC-Triart Phenyl (5 μm, 12 nm) 250 X 4.6 mmI.D.
Eluent	: acetonitrile/buffer*2/triethylamine (350/650/3) *2 *Dissolve 7.51 g of $NaH_2PO_4 \cdot 2H_2O$ and 0.96 g of $NaClO_4 \cdot H_2O$ in 1000 mL water, adjust pH 2.0 with H_3PO_4*
Flow rate	: 2.0 mL/min *(adjust the flow rate so that the retention time of fexofenadine is about 9 min)*
Temperature	: 25℃
Detection	: UV at 220 nm
Injection	: 20 μL

(The Japanese Pharmacopoeia 16th; Related substances)

*1 All standard and sample solutions were prepared from Fexofenadine hydrochloride supplied as a reagent for laboratory use.